Campen, Kelly

From:

plus2@uspto.gov

Sent:

Monday, July 23, 2007 8:50 AM

To:

Campen, Kelly

Subject:

PLUS Results for serial number: 10622718

10622718_WE 10622718_res 10622718_CLS 10622718_EAS 10622718_QU 10622718_CLS 10622718_WD 10622718_LIS ST.txt

ults.east

TITLES.txt

T.txt

AL.txt

.txt

S.txt

T.txt Thanks for

using the PLUS system. Your results are attached. You can also view and download them at http://mars:9000/plus/user/downloadresults.jsf?rqstId=61328&serialNumber=10622718

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov

10622718_WEST.txt

).pn.

10622718_EAST.txt

).pn.

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Titles of most frequently occurring classifications of patents returned from a search of 10622718 on Jul 23 , 2007
  16 235/380
                       (5 OR, 11 XR)
            Class 235
                             REGISTERS
            235/375
235/380
                             .SYSTEMS CONTROLLED BY DATA BEARING RECORDS
                             ..Credit or identification card systems
      705/26
                       (2 OR, 12 XR)
            Class 705
                            DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
                             .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
            705/1
 MANAGEMENT ARRANGEMENT 705/26
                             .. Electronic shopping (e.g., remote ordering)
  11 235/379
                       (4 OR, 7 XR)
            Class 235
                            REGISTERS
            235/375
                             .SYSTEMS CONTROLLED BY DATA BEARING RECORDS
            235/379
                             ..Banking systems
            (6 OR, 3 XR)
Class 705
     705/79
                            DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
705/50 .BUS
705/64 ...S
                             .BUSINESS PROCESSING USING CRYPTOGRAPHY
                            ..Secure transaction (e.g., EFT/POS)
...Including remote charge determination or related payment
            705/77
. system
            705/79
                             ....Including a payment switch or gateway
     705/40
                       (4 OR, 5 XR)
            class 705
                            DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
            705/1
                             .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
 MANAGEMENT ARRANGEMENT
705/35
705/39
                             ...Finance (e.g., banking, investment or credit) ...Including funds transfer or credit transaction
            705/40
                             ....Bill distribution or payment
            (3 OR, 5 XR)
Class 705
      705/39
                            DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
            705/1
                             .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
 MANAGEMENT ARRANGEMENT
            .705/35
705/39
                             ...Finance (e.g., banking, investment or credit) ...Including funds transfer or credit transaction
     705/44
                       (2 OR, 4 XR)
            Class 705
                            DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
            705/1
                             .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
 MANAGEMENT ARRANGEMENT
            705/35 ·
                             .. Finance (e.g., banking, investment or credit)
            705/39
                             ...Including funds transfer or credit transaction
                             ....Requiring authorization or authentication
            705/44
            (0 OR, 5 XR)
      235/375
                            REGISTERS
            235/375
                             .SYSTEMS CONTROLLED BY DATA BEARING RECORDS
            (1 OR, 4 XR)
      705/16
                            DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
 OR COST/PRICE DETERMINATION
                                             Page 1
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10622718_CLSTITLES.txt

```
10622718_CLSTITLES.txt
           705/1
                           .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/16
                           .. Including point of sale terminal or electronic cash
register
  5 705/35
                     (0 \text{ OR}, 5 \text{ XR})
           Class 705
                           DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION 705/1 .AU
                           .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT 705/35
                           .. Finance (e.g., banking, investment or credit)
     235/492
                     (2 OR, 2 XR)
           Class 235
                           REGISTERS
           235/487
                           . RECORDS
           235/492
                           ..Conductive
                     (0 \text{ OR}, 4 \text{ XR})
           Class 902
                           ELECTRONIC FUNDS TRANSFER
           902/22
                           .TERMINAL* REGISTERS TRANSACTION* (E.G., POINT OF SALE
TERMINAL*)
    705/21
                     (0 OR, 4 XR)
           class 705
                           DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                           .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/16
                           .. Including point of sale terminal or electronic cash
register
           705/21
                           ...Interconnection or interaction of plural electronic cash
registers (ECRs) or to host computer (e.g., network detail, transfer of information from host to ECR or from ECR to ECR, etc.)
                     (2 OR, 2 XR)
           class 705
                           DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                           .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/35
705/39
                           ... Finance (e.g., banking, investment or credit) ... Including funds transfer or credit transaction
           705/41
                            ....Having programming of a portable memory device (e.g., IC
card, "electronic purse")
           (0 OR, 4 XR)
Class 235 PFCTT
235/275
    235/381
                           REGISTERS
           235/375
                           .SYSTEMS CONTROLLED BY DATA BEARING RECORDS
           235/380
235/381
                           ..Credit or identification card systems
                           ...With vending
    713/153
                     (0 OR, 4 XR)
           Class 713
                           ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT
           713/150
                           .MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
           713/153
                           ..Particular node (e.g., gateway, bridge, router, etc.) for
directing data and applying cryptography
                     (0 \text{ OR}, 4 \text{ XR})
           Class 705
                           DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION 705/50 BUS
                           .BUSINESS PROCESSING USING CRYPTOGRAPHY
           705/64
                           .. Secure transaction (e.g., EFT/POS)
```

...Electronic credential

705/76

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10622718_CLSTITLES.txt
     235/487
                     (0 \text{ OR}, 3 \text{ XR})
           Class 235
                          REGISTERS
           235/487
                          . RECORDS
    705/1
                     (1 OR, 2 XR)
           Class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
                     (2 OR, 1 XR)
  3 709/250
           Class 709
                          ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
           709/250
                          .NETWORK-TO-COMPUTER INTERFACING
    705/64
                     (1 OR, 2 XR)
           Class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/50
                          .BUSINESS PROCESSING USING CRYPTOGRAPHY
           705/64
                          ... Secure transaction (e.g., EFT/POS)
                     (1 OR, 2 XR)
           class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION 705/50 .BU
                          .BUSINESS PROCESSING USING CRYPTOGRAPHY
           705/64
                          .. Secure transaction (e.g., EFT/POS)
           705/77
                          ...Including remote charge determination or related payment
system
           (0 OR, 3 XR)
Class 705
  3 705/78
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION 705/50 .BU 705/64 ...
                          .BUSINESS PROCESSING USING CRYPTOGRAPHY
                          ...Secure transaction (e.g., EFT/POS)
...Including remote charge determination or related payment
           705/77
system
           705/78
                          ....Including third party
                     (0 \text{ OR}, 3 \text{ XR})
           Class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/26
                          .. Electronic shopping (e.g., remote ordering)
           705/27
                          ...Presentation of image or description of sales item (e.g.,
electronic catalog browsing)
                     (0 OR, 2 XR)
    902/26
           class 902
                          ELECTRONIC FUNDS TRANSFER
           902/25
                          .SPECIFIC IDENTIFIER* (E.G., BANK CARD)
           902/26
                          ..Including semiconductor chip (e.g., smart card)
          (0 OR, 2 XR)
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/50
                          .BUSINESS PROCESSING USING CRYPTOGRAPHY
           705/64
                          .. Secure transaction (e.g., EFT/POS)
                          ...Transaction verification
    705/42
                    (0 \text{ OR}, 2 \text{ XR})
          class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
```

Page 3

10622718_CLSTITLES.txt

```
MANAGEMENT ARRANGEMENT
           705/35
                          .. Finance (e.g., banking, investment or credit)
           705/39
                          ...Including funds transfer or credit transaction
           705/42
                          ....Remote banking (e.g., home banking)
    379/91.01
                     (1 OR, 1 XR)
           class 379
                          TELEPHONIC COMMUNICATIONS
           379/90.01
                          .TELEPHONE LINE OR SYSTEM COMBINED WITH DIVERSE ELECTRICAL
SYSTEM OR SIGNALLING (E.G., COMPOSITE) 379/91.01 ...Credit authorization
    705/18
                     (0 \text{ OR}, 2 \text{ XR})
           Class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/16
                          .. Including point of sale terminal or electronic cash
register
           705/18
                          ...Having security or user identification provision
(password entry, etc.)
  2 235/449
                     (2 OR, 0 XR)
           Class 235
                          REGISTERS
           235/435
                          .CODED RECORD SENSORS
           235/439
                          ..Particular sensor structure
           235/449
                          ... Magnetic
    235/440
                    (1 OR, 1 XR)
           Class 235
                          REGISTERS
           235/435
                          .CODED RECORD SENSORS
           235/439
                          ..Particular sensor structure
           235/440
                          ...Multiple sensor
          (1 OR, 1 XR)
Class 705
    705/17
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT.
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/16
                          .. Including point of sale terminal or electronic cash
register
           705/17
                           ...Having interface for record bearing medium or carrier for
electronic funds transfer or payment credit
    380/59
                    (0 OR, 2 XR)
           Class 380
                          CRYPTOGRAPHY
           380/59
                          .MISCELLANEOUS
                    (1 OR, 1 XR)
ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
    709/224
           class 709
MULTICOMPUTER DATA TRANSFERRING
           709/223
                          .COMPUTER NETWORK MANAGING
           709/224
                          .. Computer network monitoring
    709/203
                     (0 \text{ OR}, 2 \text{ XR})
           Class 709
                          ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
709/201 .DISTRI
                          .DISTRIBUTED DATA PROCESSING
           709/203
                          ..Client/server
                     (1 \text{ OR}, 1 \text{ XR})
           Class 709
                          ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
           709/217
                          .REMOTE DATA ACCESSING
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10622718_CLSTITLES.txt

```
2 713/156
                   (1 OR, 1 XR)
          Class 713
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT
          713/150
                         .MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
          713/155
                         .. Central trusted authority provides computer authentication
          713/156
                         ...By certificate
    726/21
                    (0 \text{ OR}, 2 \text{ XR})
          Class 726
                         INFORMATION SECURITY
          726/2
                         .ACCESS CONTROL OR AUTHENTICATION
          726/21
                         .. Authorization
    709/249
                    (0 \text{ OR}, 2 \text{ XR})
          Class 709
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
          709/249
                         .MULTIPLE NETWORK INTERCONNECTING
                    (1 OR, 1 XR)
  2
    380/255
          Class 380
                         CRYPTOGRAPHY
          380/255
                          .COMMUNICATION SYSTEM USING CRYPTOGRAPHY
                    (1 OR, 1 XR)
CRYPTOGRAPHY
    380/287
          Class 380
          380/287
                         .ELECTRIC SIGNAL MODIFICATION
          (0 OR, 2 XR)
Class 713
  2 713/150
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT
          713/150
                         .MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
                    (0 OR, 2 XR)
  2 713/168
          Class 713
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT
          713/150
                         .MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
          713/168
                         ...Particular communication authentication technique
                    (0 OR, 2 XR)
  2 713/175
          Class 713
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT
          713/150
713/168
713/175
                         .MULTIPLE COMPUTER COMMUNICATION USING CRYPTOGRAPHY
                         ..Particular communication authentication technique
                         ... By generation of certificate
                    (0 OR, 2 XR)
  2 705/50
          Class 705
                         DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
          705/50
                         .BUSINESS PROCESSING USING CRYPTOGRAPHY
                    (0 OR, 2 XR)
  2 709/230
          Class 709
                         ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
          709/230
                         .COMPUTER-TO-COMPUTER PROTOCOL IMPLEMENTING
```

10622718_LIST.txt

PLUS Search Results for S/N 10622718 Searched Jul 23, 2007.
The Patent Linguistic Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. 5557516 6304915.

10622718_QUAL.txt

6119946 5812668 4843220 5557516 5704046 5732400 5945653 6092057 5438186 5444616 5448047 5526409 5742845 5815657 5838775 5838775 583987132 59639245 6002767 6016484 6026379 6032135 6032859 6032859 6032859 6032859 6032859 6045740 6163772 6164528 6178409 6253027 6283366 6304915 63186967 63186967 632859 632859 63366967 634525 6354491 6363363 6366967 6373950 6397194 6450407	999999999999999999999999999999999999999
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10622718_CLS.txt Most frequently occurring classifications of patents returned from a search Of 10622718 on Jul 23 , 2007

```
Original Classifications
6 705/79
5 235/380
4 235/379
4 705/40
3 705/40
2 235/492
2 705/41
     65443222222
               705/41
705/26
               705/44
               235/449
709/250
Cross-Reference Classifications
              705/26
235/380
235/379
235/375
705/39
   705/40
               705/35
               902/22
              705/16
705/21
235/381
705/44
713/153
705/76
235/487
               705/79
               705/78
              705//8
705/27
235/492
902/26
705/75
705/41
705/12
705/18
380/59
709/203
               709/203
              705/64
705/77
726/21
709/249
713/150
               713/168
               713/175
               705/50
               709/230
Combined Classifications
16 235/380
14 705/26
11 235/379
9 705/79
9 705/40
   11
9
9
8
               705/39
               705/44
```

10622718_CLS.txt

235/375 705/16 705/35 235/492 902/22 705/21 705/41 235/381 713/153 705/76 235/487 705/1 709/250 705/64 705/77 705/78 705/77 705/78 705/27 902/26 705/75 705/18 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/449 235/45 709/217 713/156 726/21 709/249 380/255 380/287 713/150 713/168 713/175 705/50 709/230

```
above 1
abstract
         1
accept 1
acceptance
accepted 3
accepting 2
accepts 1 access 2
accessed 1
accommodate
accommodated 2
account 17
accounts
ach 8
actually
addition 3
advantage 3
agencies
along
among 1
amount 4
        1
answer
any 4
application
applying 1
approve 2
approved 2
approves 1
architecture 1
art 1
associated 1 atm 17
authenticate
authorization 2
authorize 1
authorized 4
automatic 1
automatically 2
availability available 2
background
balance 1
bank 1
based 3
basic 1
become 2
becoming 1
beginning 1
benefits 1
biometric 2
biometrics 1
both 3 brief 1
business 2
but 4
can 7
capability
card 37
cardholder
            10
cards 8
carried
         1
carrier
case 1
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cases 1 cash 3
cashless 1
certain 1
charging
chart 2
check 13
checks 2 choice 1
clearing 1
clinic 1
commonplace 1
compared 1
compatible 3
complete 7
completed 3
completing 1
comprehensive 1
computer 2 conducted 1
configuration configured 1
                 1
confirm 1
connectivity 1
consolidation 1
contained 1
containing 1
convenience
convenient
conversion 1
converted 1
copy 1
creates 1 credit 22
credited 1
criteria 1
current 3
customer 10
customization 1
data
days 2
debit 15
debited 2
debiting 1 decades 2
dedicated 1
deduct 1
deducted 1
deductible 2 dependent 1
description 1
desirable 1
desire 1
detail
detailed 1
device 2
diagram 10
direct 3
directed 3 directly 4
discussion
diverts 1
draft 1
```

```
drafts 1
drawback
drawings 1
during 1 earlier 1
early 1 eft 3
either 3
electronic 5
electronically 3
employers 1
enhance 1
entered 4
enters 4
establishment 2
even 4
every 1
example 8
expense 1 facial 2
fashion 1
federal 1
fees 6 field 1
financial
             14
finger 2 first 1
flexibility 7
floor 1
flow 3
form 2
format 2 forms 1
fully
funds 3
gateway 3
gift 1
greater 2
guarantee 1
handle 1
handler 1
health 1
heavily 1
his 4
holder 1
holders 1
holding 1
house 1 identification 6
identified 4 identifies 1 identifying
immediately
include 1
incur 1
information 13
initiated 1
input 2
inputting 1 instead 1
institution
institutional
institutions 1
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```
instructed 1
  insurance 1
 intercepts 1 internet 2
 introduced 1 invisible 2 involved 2
issue 3
/issued 2
issuer 2
 issuing 6
keyboard 2
 known 1
  last 1
 later 1
less 1
like 3
limit 2
 limited 1
limits 1
line 3
 location 2
 logged 3
 long 1
loss 1
lower 3
made 7
 magnetic 2
make 2
makes 2
making 2
managed 3
 manner 6
 manually 5
 many 1
may 11
medical
 member 10 members 3
 membership 2
 memberships 2
 memorize 1
mentioned 1
merchant 29
 merchants
 message 1
method 1
methods 2
 more 4
 much 1
 must 2
 namely 1
 necessarily
 network 16
 new 1
 normal 1
novel 1
number 4
 numbers 1 numerous 2
 offer 1
 offerings 1
```

instruct 1

```
older 1 once 3
one 4
only 3 operate
options
order 4
outside 1
over 5
overview 2
paid 3
paper 2
parents 2
part 1
party 2
pay 4
payment 16
payroll 3
permit 4
permits 6
permitting 6
person 1
personal 1
pin 4
plan 1
point 18
portion 2
pos 18
pre 5
prefer 1
prescribed
preset 2
previously
prints 2
prior 1
prioritize
prioritized 2
process 4
processing
processor 1
provider 6
purchase 3
purchaser 8
qualifiers 1
range 4
rather 2
read 3
reader 3
readers 1
reading 2
recent 1
recently 2
recognition
reconcile 1
record 2
redirects
referred 1
registered 2 rejected 2
rejects 1
related
rely 3
remainder 1
```

```
remaining 1
require 4
required 2
requires 2
requiring 4 reserve 1
restrict 2
retail 2
risked 1
routing 2
sale 18
same 3
scanner
schedule 1
seamless
security
selected 3
sent 2
separate 1
service 6
services 1 set 1 settled 1
settlement
               7
settles
several
showing 5
shown 1
similar 1
single 6
site 3 specific 5
specifically 7 split 1
standalone 1
standard 3
state
        3
stays
still
         3
stored 4 strips 2
structures
student 3
subject 11
summary 2
supported 2
supports 4 svp 9
swiped 2
switch 2
system 56
systems
           12
take 3
telephone 1
terminal 4
terminals 3
third 2
through 1
       1
tied
time 4 tools 3
tracking
transaction
                 59
```

transactional 1 transactions 15 transfer 2 transit 1 transmitted 5 truncation 1 two 1 type 4 types 5 typical 9 typically 5 updated 1 upgrades 1 usability 1 used 1 useful 1 user 13 users 3 uses 4 using 3 usually 1 utilized 1 utilizes 1 validity 1 value 4 variety 2 vendors 1 verification 1 verified 2 via 5 virtual 2 want 1 way 2 web 2 welfare 3 well 1 whether 3 wide 4 widespread within 3 without 3 years 1